

## ABSTRACT

A process for continuously producing a chewing gum base comprising the steps of compounding the ingredients in a single extruder. In an embodiment, the method 5 includes the steps of continuously adding an elastomer, a filler, and a plasticizer into a continuous mixer, subjecting the elastomer, filler, and plasticizer to a highly distributive mixing operation and continuously discharging the resulting chewing gum base from the mixer while the adding and mixing steps are in progress.